



U.S. Department
of Transportation
**Federal Aviation
Administration**

August 1998

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AUG 24 1998

KING COUNTY
INTERNATIONAL AIRPORT

800 Independence Ave., S.W.
Washington, D.C. 20591

file

PSF 3A7

Dear Airport Manager:

For several years, the FAA has conducted research on the bird aircraft strike problem. An important component of this research has been the development and management of a national database on bird strikes to civil aircraft. This database is essential for defining the nature and magnitude of the problem so that effective management programs can be developed and implemented.

The database currently contains over 20,000 strike records. Based on analysis of these records, the FAA estimates that between 1991 and 1997, strikes cost the U.S. civil aviation industry over 500,000 hours/year of aircraft downtime, \$250 million/year in direct aircraft damage, and \$77 million/year in other costs.

Now, 20,000 records may seem like a large number, but it is estimated that less than 20% of all strikes are reported to the FAA. The FAA, in cooperation with the USDA, Wildlife Services, has developed the enclosed poster to promote better reporting of bird strikes. The poster depicts a flock of Canada geese flying in front of a departing passenger airliner. This powerful scene vividly depicts the danger of bird strikes. The poster simply says "**Strike One - You're Out!**" at the top and "**Please Report All Bird Strikes**" in the middle. Then in smaller print it briefly tells why strike reporting is important and how to report strikes using either FAA Form 5200-7 or via the Internet (www.faa.gov/arp/birdstrike).

The poster was unveiled at the 8th annual meeting of Bird Strike Committee-USA, in Cleveland, Ohio, this past June. Copies of the poster were distributed to the attendees.

It is requested that you display the two enclosed posters in prominent locations where pilots and airport personnel can see them. Your assistance in promoting the reporting of bird and other wildlife strikes is appreciated. The data collected will benefit everyone concerned with aviation safety.

Sincerely,

Ed Cleary

Ed Cleary
Staff Wildlife Biologist
Airport Safety and Certification

Korns program

Josh Kearns -

Intervin Lee



Transport
Canada

Transports
Canada

Safety and Security Sécurité et sûreté

Aerodrome Safety Branch
330 Sparks St., Place de Ville, Tower C
Ottawa, Ontario
K1A 0N8

Your file Votre référence

Our file Notre référence

July 20, 1998

AARM 5158-36-20-51

Distribution List
Members/Participants
BSCUSA-BSCC

SUBJECT: BSCUSA/BSCC

Dear Member/Participant:

I am pleased to announce that the first combined Bird Strike Committee USA and Bird Strike Committee Canada meeting will be held in Richmond, British Columbia from May 9-13, 1999. The meeting will be held at the:

Delta Pacific Resort and Conference Centre
10251 St. Edwards Drive
Richmond, British Columbia
Canada V6X 2M9

Phone: (604) 276-1166

Fax: (604) 276-1158

There is a block of rooms reserved under *Birdstrike USA/Canada*, at a rate of \$115.00 (Can.) per night plus taxes, single or double occupancy. (approximately \$75.00 U.S.) We recommend that you book your room prior to **March 8, 1999**, because after this date the block will be available to other groups. The toll free number for reservations in the United States and Canada is **1-800-268-1133**.

This will be the first in a series of information letters that we will be sending, and as the program develops, we will provide you with details regarding registration, field trips, and the agenda. We have enclosed brochures on the Richmond-Vancouver area, a tentative program outline, and a call for technical papers and posters. We are looking forward to an exciting and informative conference in Richmond, and if you have questions or comments, please feel free to contact the undersigned by E-mail, mackinb@tc.gc.ca, phone (613) 990-0515 or fax (613) 990-0508. Exhibitors who wish to display products should contact Jeff Marley at Margo Supplies Ltd., (403) 652-1932. Jeff has generously volunteered to organize the exhibitors' program.

We look forward to seeing you in Richmond.

Regards,

Bruce MacKinnon
Wildlife Control Specialist

Canada

21-0017 (98-02)

KCSlip4 34168

SEA400715

TENTATIVE PROGRAM OUTLINE
BIRD STRIKE COMMITTEE USA/CANADA
MAY 9-13, 1999
VANCOUVER INTERNATIONAL AIRPORT
DELTA PACIFIC RESORT AND CONFERENCE CENTRE
RICHMOND-BRITISH COLUMBIA-CANADA

SUNDAY-MAY 9, 1999

- Registration: 0700-0900
- Field Trip to Vancouver Island, Royal British Columbia Natural History Museum, Victoria restaurants and cafes: 0900-1800
- Registration: 1800-2000

MONDAY-MAY 10, 1999

- Registration: 0700-0900
- Introduction: 0900-0915
- Guest Speaker: 0915-0930
- Technical sessions: 0930-1600

TUESDAY-MAY 11, 1999

- Field Trip to Vancouver International Airport, Reifel Migratory Bird Sanctuary, Falconry demonstration-Boundary Bay Airport: 0800-1600
- Reception hosted by Vancouver International Airport: 1800-2000

WEDNESDAY-MAY 12, 1999

- Technical sessions: 0900-1100
- Panel discussions-Falconry&Habitat management: 1100-1400
- Social evening-Stanley Park-Robson Street restaurants and cafes: 1500-2100

THURSDAY-MAY 13, 1999

- Technical sessions: 0900-1200
- Military and FAA training sessions-Closing sessions: 1300-1600
- Steering Committee meeting: 1600-1700



U.S. Department of Transportation
Federal Aviation Administration

BIRD / OTHER WILDLIFE STRIKE REPORT

1. Name of Operator		2. Aircraft Make/Model		3. Engine Make/Model																																															
4. Aircraft Registration		5. Date of Incident ____/____/____ Month Day Year		6. Local Time of Incident <input type="checkbox"/> Dawn <input type="checkbox"/> Dusk — HR — MIN <input type="checkbox"/> Day <input type="checkbox"/> Night <input type="checkbox"/> AM <input type="checkbox"/> PM																																															
7. Airport Name		8. Runway Used		9. Location if En Route (Nearest Town/Reference & State)																																															
10. Height (AGL) _____ feet		11. Speed (IAS) _____ knots																																																	
12. Phase of Flight <input type="checkbox"/> A. Parked <input type="checkbox"/> B. Taxi <input type="checkbox"/> C. Take-off Run <input type="checkbox"/> D. Climb <input type="checkbox"/> E. En Route <input type="checkbox"/> F. Descent <input type="checkbox"/> G. Approach <input type="checkbox"/> H. Landing Roll		13. Part(s) of Aircraft Struck or Damaged																																																	
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="width: 50px;">Struck</th> <th style="width: 50px;">Damaged</th> </tr> </thead> <tbody> <tr><td>A. Radome</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>B. Windshield</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>C. Nose</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>D. Engine No. 1</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>E. Engine No. 2</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>F. Engine No. 3</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>G. Engine No. 4</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </tbody> </table>			Struck	Damaged	A. Radome	<input type="checkbox"/>	<input type="checkbox"/>	B. Windshield	<input type="checkbox"/>	<input type="checkbox"/>	C. Nose	<input type="checkbox"/>	<input type="checkbox"/>	D. Engine No. 1	<input type="checkbox"/>	<input type="checkbox"/>	E. Engine No. 2	<input type="checkbox"/>	<input type="checkbox"/>	F. Engine No. 3	<input type="checkbox"/>	<input type="checkbox"/>	G. Engine No. 4	<input type="checkbox"/>	<input type="checkbox"/>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="width: 50px;">Struck</th> <th style="width: 50px;">Damaged</th> </tr> </thead> <tbody> <tr><td>H. Propeller</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>I. Wing/Rotor</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>J. Fuselage</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>K. Landing Gear</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>L. Tail</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>M. Lights</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>N. Other: (Specify)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </tbody> </table>			Struck	Damaged	H. Propeller	<input type="checkbox"/>	<input type="checkbox"/>	I. Wing/Rotor	<input type="checkbox"/>	<input type="checkbox"/>	J. Fuselage	<input type="checkbox"/>	<input type="checkbox"/>	K. Landing Gear	<input type="checkbox"/>	<input type="checkbox"/>	L. Tail	<input type="checkbox"/>	<input type="checkbox"/>	M. Lights	<input type="checkbox"/>	<input type="checkbox"/>	N. Other: (Specify)
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14. Effect on Flight <input type="checkbox"/> None <input type="checkbox"/> Aborted Take-Off <input type="checkbox"/> Precautionary Landing <input type="checkbox"/> Engines Shut Down <input type="checkbox"/> Other: (Specify)		15. Sky Condition <input type="checkbox"/> No Cloud <input type="checkbox"/> Some Cloud <input type="checkbox"/> Overcast		16. Precipitation <input type="checkbox"/> Fog <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> None																																															
17. Bird/Other Wildlife Species		18. Number of birds seen and/or struck		19. Size of Bird(s) <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large																																															
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more than 100	<input type="checkbox"/>	<input type="checkbox"/>																																																	
20. Pilot Warned of Birds <input type="checkbox"/> Yes <input type="checkbox"/> No																																																			
21. Remarks (Describe damage, injuries and other pertinent information)																																																			
DAMAGE / COST INFORMATION																																																			
22. Aircraft time out of service: _____ hours		23. Estimated cost of repairs or replacement (U.S. \$): \$ _____		24. Estimated other cost (U.S. \$) (e.g. loss of revenue, fuel, hotels): \$ _____																																															
Reported by (Optional)		Title		Date																																															
Paperwork Reduction Act Statement: The information collected on this form is necessary to allow the Federal Aviation Administration to assess the magnitude and severity of the wildlife-aircraft strike problem in the U.S. The information is used in determining the best management practices for reducing the hazard to aviation safety caused by wildlife-aircraft strikes. We estimate that it will take approximately <u>5 minutes</u> to complete the form. The information collected is voluntary. Please note that an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection is 2120-0045.																																																			